



FIG. 3 2

[illegible]

FIG. 43

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FIG. 6 5




FIG. 76

P T Y E

FIG. 8

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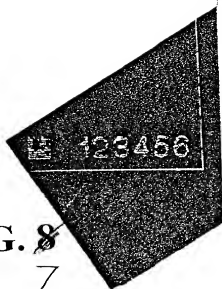


FIG. 8

<u>Substrate Materials</u>	<u>Marking Materials</u>	<u>Beam Speed</u>	<u>Power (watts)</u>	<u>Freq (Khz/CW)</u>
Aluminum	Mixed Metal Oxide	200mm/sec	5 watts	CW
Aluminum	Glass Frit	250mm/sec	5 watts	CW
Brass	Mixed Metal Oxide	200mm/sec	5 watts	CW
Ceramic	Glass Frit	200mm/sec	5 watts	CW
China	Glass Frit	200mm/sec	5 watts	CW
Copper	Mixed Metal Oxide	100mm/sec	5 watts	20 KHz
Auto Safety Glass	Glass Frit	200mm/sec	5 watts	CW
CRT Display Glass	Glass Frit	200mm/sec	5 watts	CW
Flat Panel Display Glass	Glass Frit	200mm/sec	5 watts	CW
Microscope Slide Glass	Glass Frit	200mm/sec	5 watts	CW
Nickel	Mixed Metal Oxide	200mm/sec	5 watts	CW
Nylon™	Mixed Metal Oxides	250mm/sec	5 watts	CW
Porcelain	Glass Frit	200mm/sec	5 watts	CW
PVC	Mixed Organic Pigments	200mm/sec	5 watts	CW
Stainless Steel	Mixed Metal Oxide	200mm/sec	5 watts	CW
Stainless Steel	Glass Frit	300mm/sec	5 watts	CW
Teflon™	Mixed Metal Oxides	200mm/sec	5 watts	CW
Tin	Mixed Metal Oxide	200mm/sec	5 watts	CW
Titanium	Mixed Metal Oxide	200mm/sec	5 watts	CW



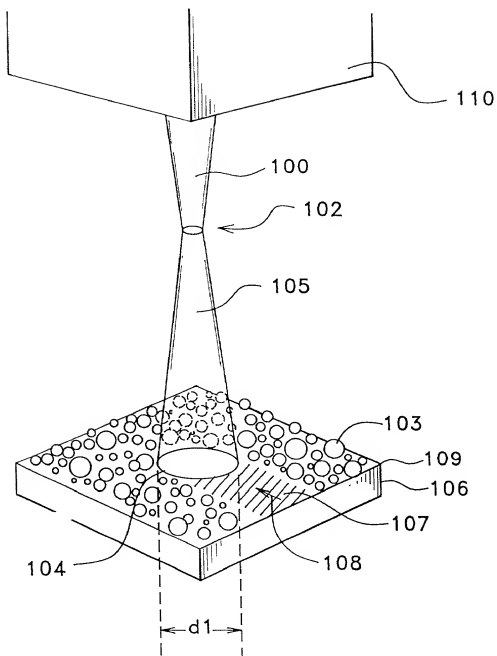


FIG. ~~10~~ 9

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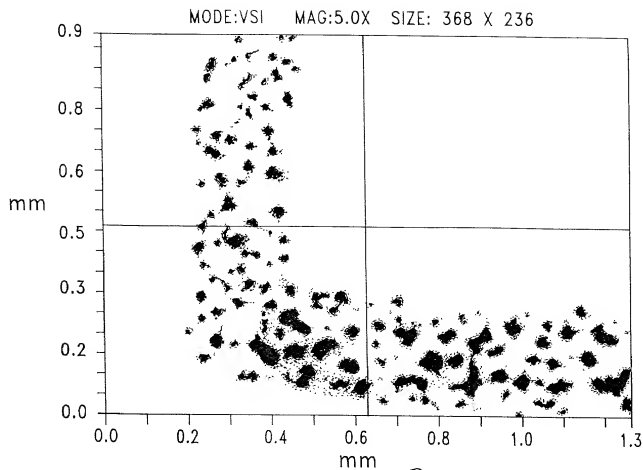


FIG. 1a

GLASS SLIDE - PORCELAIN/GLASS FRIT

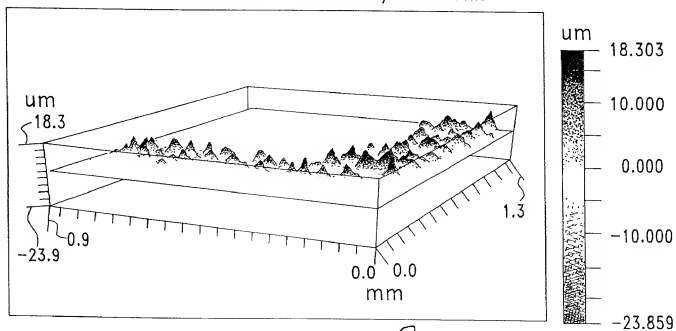
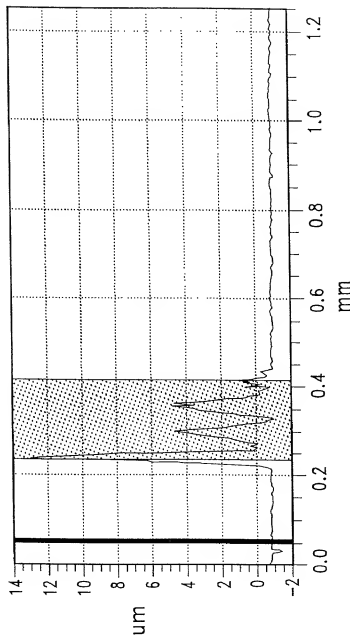


FIG. 1b

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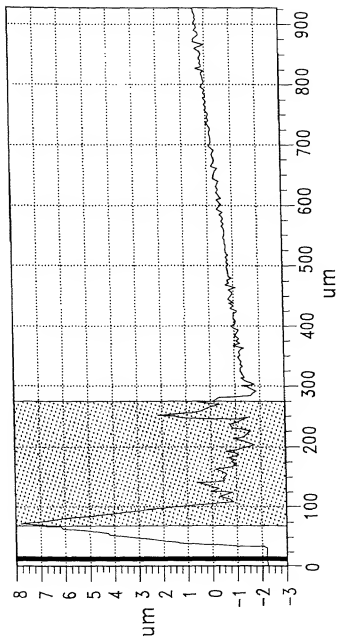
# X-PROFILE/2 PT/RADIAL



Rq: 2.92 um	L: 0.05 mm	-0.83 um	Angle: 0.64°
Ra: 1.97 um	R: 0.33 mm	2.23 um	Curve: -14.65 mm
Rt: 14.09 um	D: 0.27 mm	3.05 um	Terms: None
Rp: 13.17 um			AvgHt: 0.61 um
Rv: -0.92um			Area 0.17 um2

FIG. 1A

# Y-PROFILE/CIRCULAR



Rq: 2.85 um  
Ra: 2.44 um  
Rt: 9.96 um  
Rp: 7.79 um  
Rv: -2.16 um

L: 13.93 um -2.15 um  
R: 170.62 um 0.54 um  
D: 156.69 um 2.69 um  
Angle: 0.98°  
Curve: -492.76 um  
Terms: None  
AvgHt: 1.20 um  
Area: 187.84 um<sup>2</sup>

FIG. 1 Pd